

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/016567

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ C30B25/14, C30B29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C30B25/14, C30B29/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

| | | | |
|---------------------------|-----------|----------------------------|-----------|
| Jitsuyo Shinan Koho | 1926-1996 | Toroku Jitsuyo Shinan Koho | 1994-2005 |
| Kokai Jitsuyo Shinan Koho | 1971-2005 | Jitsuyo Shinan Toroku Koho | 1996-2005 |

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| X | US 6444027 B1 (MEMC Electronic Materials, Inc.), 03 September, 2002 (03.09.02), Abstract; column 8, lines 30 to 42; Claims & KR 2003-086220 A | 1-8 |
| X | US 6184154 B1 (SEH America, Inc.), 06 February, 2001 (06.02.01), Full text (Family: none) | 1-4 |
| A | JP 4-75328 A (Toshiba Corp.), 10 March, 1992 (10.03.92), Claims; page 4, lower left column, line 1 to lower right column, line 18 & US 5370709 A | 1-8 |

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
18 January, 2005 (18.01.05)

Date of mailing of the international search report
01 February, 2005 (01.02.05)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | JP 2002-134425 A (Shin-Etsu Handotai Co., Ltd.), 10 May, 2002 (10.05.02), Claims; Par. Nos. [0014] to [0021] (Family: none) | 1-8 |
| A | JP 11-79888 A (Innotech Corp.), 23 March, 1999 (23.03.99), Claims; Par. Nos. [0010] to [0021] (Family: none) | 1-8 |